BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 50.00 Lakhs

Name of Work:- Detailed Estimate for the Work of Construction of Library Building Near Venugapala Swamy Temple Road in ward no-02.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1)	Cum							
	Lowering Levelling:-Building		1	28.00	22.00	0.45	277.20		
							277.20	156.88	43487.00
	Basic Rate	148.00							
	Area Weightage @ 6%	8.88							
	Total	156.88							
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2015-16).	Cum							
	Footings :-		12	3.30	2.70	1.80	192.46		
	Foundation:-L/walls		2	16.75	0.90	0.80	24.12		
			3	2.15	0.90	0.80	4.64		
	S/walls		6	6.85	0.90	0.80	29.59		
	Sump		1	3.00	3.00	1.50	13.50		
	Stairecase foundation		1	1.50	0.90	0.90	1.22		
	Soak pit		1	3.00	3.00	2.40	21.60		
	Surrounding flagging wall:-R/side		1	26.50	0.60	0.45	7.16		
	Back side		1	10.60	0.60	0.45	2.86		
							297.14		
	Deductions for footings (-)		12	2.70	0.90	0.80	23.33		
							23.33		
							273.82	283.02	77495.40
	Basic Rate	267.00							
	Area Weightage @ 6%	16.02							
	Total	283.02							
3	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15)	Cum							
	Footings :-		12	3.30	2.70	0.30	32.08		

	Flooring :- Study Hall		3	7.85	2.90	0.30	20.49		
	Toilet room		2	3.15	1.30	0.30	2.46		
	Store room		1	3.15	2.40	0.30	2.27		
	Reception room		1	3.15	2.35	0.30	2.22		
	Staire case room		1	7.85	2.90	0.30	6.83		
	Flagging concrete Portion:-Front		1	10.80	8.50	0.30	27.54		
	Sump		1	3.00	3.00	0.30	2.70		
	Soak pit		1	3.00	3.00	0.30	2.70		
	Basic Rate	2013.00					99.28	2133.78	211841.00
	Area Weightage @ 6%	120.78							
	Total	2133.78							
4	KSRRB 4.1.2:- Providing and laying in position Plain Cement Concrete of mix 1:3:6 with OPC cement @ 220kgs ,with 40mm and down size graded granite metal coarse aggregates @ 0 .892 cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation including cost of all materials,labour, HOM of machinery ,curing complete as per specifications. (P.12/4.2)	Cum							
	Footings :-		12	3.30	2.70	0.20	21.38		
	L/Walls		2	16.75	0.90	0.15	4.52		
			3	2.15	0.90	0.15	0.87		
	S/Walls		6	6.85	0.90	0.15	5.55		
	Flooring :- Study Hall		3	7.85	2.90	0.15	10.24		
	Toilet room		2	3.15	1.30	0.15	1.23		
	Store room		1	3.15	2.40	0.15	1.13		
	Reception room		1	3.15	2.35	0.15	1.11		
	Staire case room		1	7.85	3.10	0.15	3.65		
	Flagging concrete:-Front		1	10.80	8.50	0.15	13.77		
	Sides		2	16.30	1.30	0.15	6.36		
	Back		1	10.80	1.30	0.15	2.11		
	Sump		1	3.00	3.00	0.15	1.35		
	Stairecase foundation		1	1.50	0.90	0.15	0.20		
	Soak pit		1	3.00	3.00	0.15	1.35		
	Surrounding flagging wall		1	26.00	0.60	0.15	2.34		
			1	11.00	0.60	0.15	0.99		
	Entrance Steps		1	3.00	0.30	0.15	0.14		
							78.29		
	(-)Deductions for columns:-		12	2.70	0.90	0.15	4.37		
	Center portion of Soak pit		1	1.50	1.50	0.15	0.34		
	Entrance Steps		1	3.00	0.30	0.15	0.14		
							4.85		
	Basic Rate	4849.00					73.45	5139.94	377513.82
	Area Weightage @ 6%	290.94							
	Total	5139.94							
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.23/5.6)	Cum							
	1st Footing :-L/walls		2	16.60	0.75	0.35	8.72		
			3	2.30	0.75	0.35	1.81		
	S/walls		6	7.00	0.75	0.35	11.03		

	2nd Footing :-L/walls		2	16.45	0.60	0.70	13.82		
			3	2.45	0.60	0.70	3.09		
	S/walls		6	7.15	0.60	0.70	18.02		
	Soak pit walls 1st footing		2	2.70	0.60	1.35	4.37		
			2	1.50	0.60	1.35	2.43		
	2nd footing		2	2.40	0.45	1.05	2.27		
			2	1.50	0.45	1.05	1.42		
	Surrounding flagging wall		1	26.40	0.45	0.45	5.35		
			1	10.80	0.45	0.45	2.19		
	Entrance Steps		1	3.00	0.30	0.20	0.18		
							74.68		
	(-)Deductions for 1st footing portion in columns:-		12	0.30	0.20	0.35	0.25		
	2nd footing portion in columns:-		12	0.30	0.20	0.70	0.50		
							0.76		
	Basic Rate	3829.00					73.92	4058.74	300025.00
	Area Weightage @ 6%	229.74							
	Total	4058.74							
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.23/5.9)	Cum							
	Basement:-L/walls		2	16.30	0.45	0.20	2.93		
			3	2.60	0.45	0.20	0.70		
	S/walls		6	7.30	0.45	0.20	3.94		
							7.58		
	(-)Deductions for columns:		12	0.30	0.20	0.20	0.14		
							0.14		
	Basic Rate	4542.00					7.43	4814.52	35791.00
	Area Weightage @ 6%	272.52							
	Total	4814.52							
7	KSRB 4-1.5:Providing and laying in position Plain Cement Concrete of mix M20 with OPC cement @ 300kgs ,with 20mm and down size graded granite metal coarse aggregates @ 0 .69 cum and fine aggregates @ 0.43cum ,with superplastisiser @ 3lts confirming to IS9 103-1999 Reaffirmed-2008,machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in **foundation,plinth and cills,** including cost of all materials,labour, HOM of machinery ,curing complete as per specifications.(P12/4.5)	Cum							
	Basement coping concrete:-L/walls		2	16.30	0.45	0.15	2.20		
			3	2.60	0.45	0.15	0.53		
	S/walls		6	7.30	0.45	0.15	2.96		
	Flooring :- Study Hall		3	7.85	2.90	0.10	6.83		
	Toilet room		2	3.15	1.30	0.10	0.82		
	Store room		1	3.15	2.40	0.10	0.76		
	Reception room		1	3.15	2.35	0.10	0.74		
	Staire case room		1	7.85	3.10	0.10	2.43		
	Flagging concrete:-Front		1	11.00	8.50	0.15	14.03		
	R/sides		1	16.30	1.50	0.10	2.45		

	L/sides		1	16.30	1.30	0.10	2.12		
	Back		1	10.80	1.50	0.10	1.62		
	Windows cill concrete		9	1.80	0.20	0.10	0.32		
	Sump inside leaning concrete		1	2.40	2.40	0.10	0.58		
	Surrounding flagging wall:-R/side		1	26.40	0.45	0.10	1.19		
	Back side		1	10.70	0.45	0.10	0.48		
	Soak pit walls coping concrete		2	2.40	0.45	0.10	0.22		
			2	1.50	0.45	0.10	0.14		
	Water proofing area		1	12.70	7.80	0.10	9.91		
			1	4.00	3.10	0.10	1.24		
			1	1.60	1.10	0.10	0.18		
	sump		1	2.80	2.80	0.10	0.78		
	Soak		1	2.40	2.40	0.10	0.58		
	Entrance Steps coping concrete		1	3.00	0.30	0.10	0.09		
	Parapet wall Coping concrete:-		2	16.30	0.20	0.10	0.65		
			2	7.85	0.20	0.10	0.31		
							54.13		
	(-)Entrance Steps coping concrete		1	3.00	0.30	0.10	0.09		
	Head room portion parapet wall		1	4.40	0.20	0.10	0.44		
			1	3.10	0.20	0.10	0.31		
							0.84		
	Basic Rate	5548.00					53.29	5880.88	313388.00
	Area Weightage @ 6%	332.88							
	Total	5880.88							
8	KSRB 15.1.3 Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.112/I.15.1)	Sqm							
	Basement out side:-L/walls		2	16.30		0.20	6.52		
	S/walls		2	8.20		0.20	3.28		
							9.80	97.52	956.00
	Basic Rate	92.00							
	Area Weightage @ 6%	5.52							
	Total	97.52							
9	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2015-16).	Cum							
			Qty vide item No.1+2				551.02	127.20	70089.00
	Basic Rate	120.00							
	Area Weightage @ 6%	7.20							
	Total	127.20							
10	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P15/4.28)	Sqm							
	Footings:-	2	12	3.00		0.65	46.80		
		2	12	2.40		0.65	37.44		
							84.24	239.56	20180.53

	Basic Rate	226.00							
	Area Weightage @ 6%	13.56							
	Total	239.56							
11	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P16/4.32)	Sqm							
	Columns:-	2	12	0.30		4.95	35.64		
		2	12	0.20		4.95	23.76		
	Sump walls	4	1	2.80		1.20	13.44		
		4	1	2.40		1.20	11.52		
							84.36	376.30	31744.67
	Basic Rate	355.00							
	Area Weightage @ 6%	21.30							
	Total	376.30							
12	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications. (P16/4.36)	Sqm							
	Plinth beam:-L/Walls	2	2	16.30		0.35	22.82		
		2	3	3.15		0.35	6.62		
	S/walls	2	6	7.85		0.35	32.97		
	Landing beam	2	1	3.10		0.30	1.86		
							64.27	703.84	45232.00
	Basic Rate	664.00							
	Area Weightage @ 6%	39.84							
	Total	703.84							
13	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications.(P16/4.34)	Sqm							
	Lintel beam:-L/walls	2	2	16.30		0.20	13.04		
		2	3	3.15		0.20	3.78		
	S/walls	2	4	7.85		0.20	12.56		
	Head room Lintell beam	2	2	4.40		0.20	3.52		
		2	2	3.10		0.20	2.48		
	Tie beam:-L/Walls	2	2	16.30		0.30	19.56		
		2	3	3.15		0.30	5.67		
	S/walls	2	6	7.85		0.45	42.39		
	Beam bottom portion	1	2	7.85	0.30		4.71		
	staire case beam	2	1	3.10		0.30	1.86		
							109.57	265.00	29036.00
	Basic Rate	250.00							
	Area Weightage @ 6%	15.00							
	Total	265.00							

14	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.37)	Sqm							
	Front chejja		1	1	2.40	0.60	1.44		
	Window chejjas		1	9	2.10	0.45	8.51		
	Toilet room chejjas		2	1	1.05	0.45	0.95		
							10.89	278.78	3035.91
	Basic Rate	263.00							
	Area Weightage @ 6%	15.78							
	Total	278.78							
15	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18)	Sqm							
	Study Hall		3	7.85	2.90		68.30		
	Toilet room		2	3.15	1.30		8.19		
	Store room		1	3.15	2.40		7.56		
	Reception room		1	3.15	2.35		7.40		
	Staire case room		1	7.85	3.10		24.34		
	Roof edge		2	16.30		0.15	4.89		
			2	8.20		0.15	2.46		
			2	2.00		0.15	0.60		
			1	1.10		0.15	0.17		
			1	1.60		0.15	0.24		
			1	2.70		0.15	0.41		
	Sump slab		1	2.40	2.40		5.76		
	Edge		4	2.80		0.25	2.80		
	Landing		1	3.10	0.90		2.79		
	First Flight		1	3.60	1.10		3.96		
	Second Flight		1	2.05	1.10		2.26		
							142.11	323.30	45943.35
	Basic Rate	305.00							
	Area Weightage @ 6%	18.30							
	Total	323.30							
16	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement@340kgs, with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.12)	Cum							
	Footing Concrete:-		12	3.00	2.40	0.65	56.16		
	Coloumns:-		12	0.30	0.20	4.95	3.56		
	Plinth beam:-L/Walls		2	16.30	0.20	0.35	2.28		
	S/walls		6	7.85	0.30	0.35	4.95		
			3	3.15	0.20	0.35	0.66		

	Landing beam		1	3.10	0.20	0.30	0.19		
	Lintel beam:-L/walls		2	16.30	0.20	0.20	1.30		
			3	3.15	0.20	0.20	0.38		
	S/walls		4	7.85	0.20	0.20	1.26		
	Head room Lintell beam		2	4.40	0.20	0.20	0.35		
			2	3.10	0.20	0.20	0.25		
	Tie beam:-L/Walls		2	16.30	0.20	0.30	1.96		
			3	3.15	0.20	0.30	0.57		
	S/walls		6	7.85	0.30	0.45	6.36		
	staire case near beam		1	3.10	0.20	0.30	0.19		
	Roof		1	13.00	8.20	0.15	15.99		
			1	4.00	3.30	0.15	1.98		
			1	1.60	1.10	0.15	0.26		
	Sump bottom slab		1	3.00	3.00	0.20	1.80		
	Side walls		2	2.80	0.20	1.20	1.34		
			2	2.40	0.20	1.20	1.15		
	Cover slab		1	2.80	2.80	0.20	1.57		
	First Flight		1	3.60	1.10	0.12	0.48		
	Landing		1	3.10	0.90	0.12	0.33		
	Second Flight		1	2.05	1.10	0.12	0.27		
	Steps	19	0.5	1.10	0.25	0.15	0.39		
	Staire case footing beam		1	1.50	0.60	0.90	0.81		
	Soak pit slab		1	2.40	2.40	0.20	1.15		
							107.94		
	Chamber cover		1	0.60	0.60	0.20	0.07		
							107.86	6438.44	694482.17
	Basic Rate	6074.00							
	Area Weightage @ 6%	364.44							
	Total	6438.44							
17	KSRB 4.2.11: Providing and laying in position Plain Cement Concrete of mix M20 with OPC cement @ 24kgs ,with 12mm and down size graded granite metal coarse aggregates @ 0 .05175 cum and fine aggregates @ 0.0345cum ,with superplastisiser @ 0.225 lts machine mixed, concrete ,well compacted for plain chajja of 8.5 cms.average thickness,upto ground floor level, including cost of all materials,labour, HOM of machinery ,curing complete as per specifications. (No. KBS 4.1, 4.6 (P. 14/4.19 PWD SR - 2015-16).	Sqm							
	Front chejja		1	1	2.40	0.60	1.44		
	Window chejjas		1	9	2.10	0.45	8.51		
	Toilet room chejjas		2	1	1.05	0.45	0.95		
							10.89	519.40	5656.00
	Basic Rate	490.00							
	Area Weightage @ 6%	29.40							
	Total	519.40							
18	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500 (P17\4.46.3)	Tonne,s							

	(0.110 tonne/Cum)	Quntity vide item no.16			107.86	0.110	11.87		
	(0.040 tonne/sqm)	Quntity vide item no.17			10.89	0.040	0.44		
							12.30	58229.25	716263.23
	Basic Rate	54933.25							
	Area Weightage @ 6%	3296.00							
	Total	58229.25							
19	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.34)	Cum							
	L/walls		2	16.30		3.00	97.80		
			3	3.15		3.00	28.35		
	S/walls		4	7.85		3.00	94.20		
	Head roomL/ walls		2	4.40		2.40	21.12		
	S/walls		2	3.10		2.40	14.88		
	Head room parapet		1	4.40		0.20	0.88		
			2	3.10		0.20	1.24		
	Parapet wall:-		2	16.30		0.80	26.08		
			2	7.85		0.80	12.56		
	Surrounding flagging wall		1	26.30		0.40	10.52		
			1	10.80		0.40	4.32		
							311.95		
	(-)Deductions for Columns:-		12	0.30		2.10	7.56		
			12	0.30		0.40	1.44		
			12	0.30		0.90	3.24		
	Lintel beam:-L/walls		2	16.30		0.20	6.52		
			3	3.15		0.20	1.89		
	S/walls		4	7.85		0.20	6.28		
	Head room Lintell beam		2	4.40		0.20	1.76		
			2	3.10		0.20	1.24		
	Tie beam:-L/Walls		2	16.30		0.30	9.78		
			3	3.15		0.30	2.84		
	Staire case near beam		1	3.10		0.30	0.93		
	S/walls		4	7.85		0.45	14.13		
	OD		1	1.50		2.10	3.15		
	Head romm OD		1	1.05		2.10	2.21		
	D		1	1.50		2.10	3.15		
	D1		2	0.90		2.10	3.78		
	D2		2	0.75		2.10	3.15		
	w		9	1.80		1.25	20.25		
	v		1	3.10		0.60	1.86		
	v1		2	0.75		0.60	0.90		
	Head room portion parapet wall		1	4.40		0.80	3.52		
			1	3.10		0.80	2.48		
	Windows cill concrete		9	1.80		0.10	1.62		
							103.67		
	Basic Rate	892.00					208.28	945.52	196933.00
	Area Weightage @ 6%	53.52							
	Total	945.52							

20	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs include laying POP on finished surface,including cost of materials, labour charges, etc., complete as per specifications(p.107/14.47.1).	Sqm							
	Flooring surface area for Study Hall		1	9.40	7.85		73.79		
	Sidewalls skirting		2	7.85		0.15	2.36		
			2	9.40		0.15	2.82		
	Store room		1	3.15	2.40		7.56		
	Sidewalls skirting		2	3.15		0.15	0.95		
			2	2.40		0.15	0.72		
	Reception room		1	3.15	2.40		7.56		
	Sidewalls skirting		2	3.15		0.15	0.95		
			2	2.40		0.15	0.72		
	staire case room		1	7.85	3.15		24.73		
	Sidewalls skirting		2	3.15		0.15	0.95		
			2	7.85		0.15	2.36		
	Entrance Steps:-Threds		1	3.00	0.30		0.90		
	Risers		1	3.00		0.20	0.60		
	Steps:-Risers		19	1.10		0.15	3.14		
	Threads		19	1.10	0.25		5.23		
	Landing		1	3.10	0.90		2.79		
	Skirting		19	0.25		0.15	0.71		
	Landing portion		1	3.15		0.15	0.47		
							139.28		
	Deductions (-):-								
	OD		1	1.50		0.15	0.23		
	D		1	1.50		0.15	0.23		
	D1		2	0.90		0.15	0.27		
	D2		2	0.75		0.15	0.23		
							0.95		
							138.33	2697.70	373180.00
	Basic Rate	2545.00					140.22		
	Area Weightage @ 6%	152.70							
	Total	2697.70							
21	KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials. labour, HOM of machineries complete as per specifications. Specifications No, KBS 9.33 (page No. 51/Item No. 9.11)	Cum							
	D	2	1	1.80	0.15	0.10	0.05		
		2	1	2.10	0.15	0.10	0.06		
	D1	2	2	1.20	0.12	0.10	0.06		
		2	2	2.10	0.12	0.10	0.10		
	D2	2	2	1.05	0.10	0.075	0.03		
		2	2	2.10	0.10	0.075	0.06		
	v	2	2	1.05	0.10	0.075	0.03		
		2	2	0.60	0.10	0.075	0.02		
							0.42	108792.04	45627.38
	Basic Rate	102634.00							
	Area Weightage @ 6%	6158.04							

	Total	108792.04							
22	KSRB: 9-27-1: Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeddding holdfast in cement concrete 1:3:6 of 20mm and down size granite matal painting two coats of coal tar to sides of frame making good the damages to walls and floor as reguired and diposal of the debries with lead upto 50m including cost of materials labour charges complete as per Specifications. (Page No. 56/ Item No. 9.80)	No's							
	Door frames		5				5.00	1073.78	5368.90
	Basic Rate	1013.00							
	Area Weightage @ 6%	60.78							
	Total	1073.78							
23	KSRB: 9-27-1: Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeddding holdfast in cement concrete 1:3:6 of 20mm and down size granite matal painting two coats of coal tar to sides of frame making good the damages to walls and floor as reguired and diposal of the debries with lead upto 50m including cost of materials labour charges complete as per Specifications. (Page No. 56/ Item No. 9.80)	No's							
	Window frames		9				9.00	727.16	6544.44
	Basic Rate	686.00							
	Area Weightage @ 6%	41.16							
	Total	727.16							
24	KSRB: 9-27-1: Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeddding holdfast in cement concrete 1:3:6 of 20mm and down size granite matal painting two coats of coal tar to sides of frame making good the damages to walls and floor as reguired and diposal of the debries with lead upto 50m including cost of materials labour charges complete as per Specifications. (Page No. 56/ Item No. 9.80)	No's							
	V1		2				2.00		
							2.00	570.28	1140.56
	Basic Rate	538.00							
	Area Weightage @ 6%	32.28							
	Total	570.28							
25	KSRB 9.10.2: Providing and fixing in position fully panelled Honne wood shutters for doors styles and rails of 40mm. Thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 51/Item No. 9.15)	Sqm							

	D		1	1.50		2.10	3.15		
	D1		2	0.90		2.10	3.78		
	D2		2	0.75		2.10	3.15		
	Basic Rate	4524.00					10.08	4795.44	48338.04
	Area Weightage @ 6%	271.44							
	Total	4795.44							
26	KSRB 9.21.2: Providing and fixing in position half panelled Honne wood shutters for window&ventilatorsstyles and rails of 20mm. Thick with bottom and lock rails 75mm wide top rail and styles 100mm wide as per drawing and panels of 20mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 56/Item No. 9.65)	Sqm							
	V		2	0.75		0.60	0.90		
							0.90	3874.30	3486.87
	Basic Rate	3655.00							
	Area Weightage @ 6%	219.30							
	Total	3874.30							
27	KSRB 7.9: Providing and fixing M.S. Grill work for windows and ventilators weighing 21kg/sqm using M.S Flats or M.S. Square roads, or combination of M.S. flats and quare roads as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (page No. 32/Item No.7.9)	Kg's							
	Staire case ventilator		1	3.10		0.60	1.86		
	Sump chamber cover		1	0.60	0.60		0.36		
	Head room gate		1	1.05		2.10	2.21		
							4.43		
							92.93	90.10	8372.54
	Basic Rate	85.00							
	Area Weightage @ 6%	5.10							
	Total	90.10							
28	Providing and fixing MS grill over exisiting compound wall as per using b16mmx16mm MS square rod at 150mm c/c spacing and 6mmx40mm MS flats at horizontal and 6mmx12mm MS flat for ornamtntal design and providing shp edge design at the verify of every vertical roads, incldung welding grinding hereve necessray All the steel surface should be throughly cleaned free of rust and paited with and ect.. as pers pecification (Pg.42, Item No 7.36)	Sqm							
	W		9	1.80		1.25	20.25		
	Staire case grill		1	3.90		0.80	3.12		
			1	2.00		0.80	1.60		
			1	0.90		0.80	0.72		
							25.69	5769.72	148738.00
	Basic Rate	5462.00							
	Area Weightage @ 6%	327.72							

	Total	5789.72							
29	KSRB 7.22 Providing , fabricating, assembling and fixing in position aluminium partition using 101.60mm x 44.45mm x 3.18mm aluminium, mat finish or lossy finish , anodized sections combination of plain , single groove and double groove embers should not exceed 0.60mc/c and bottom member of required lengths, joints itred and corner grinded sub dividing assembled frame should be stiffened with orner angles. Stripped and fixed with screws rawl plug and teakwood guttas to RCC olumn or masonry on sides. RCC lintels or beams at top and mosaic floor at bottom; ncluding cutting chistelling and making good with cement mortar to match the surface Providing and fixing 12mm.thick prelaminated sheet (Ecoboard - exterior grade)of approved colour for bottom panel of maximum height	Sqm							
	0.9m, and 5.50 mm thick plain or in headed glass for middle panel and top panel with glazing clips pf 9.05mm.x17.30mm.1.00mm. All the aluminium sections used should be treated for emoval of any rust and prevention of further rust formation and coated with greasy aterials for non adherence of mortar or any other sticky materials:The vertical members should be embedded in the flooring by making suitable size holes and fixing with cement mortar. All the frames should be thoroughly cleaned free from rust,scale or dirt. work should be carried out as per direction of engineer in-charge of the work with all lead and lift as per chief Architects drawing etc., complete to a degree of perfection.(aluminium section powered coated to a minium of 60-70 microns with exterior durable pure polyster grade powder of approved quality.) P.N=36/I.N=7.22.2								
	V		1	3.10		0.60	1.86		
							1.86	3180.00	5915.00
	Basic Rate	3000.00							
	Area Weightage @ 6%	180.00							
	Total	3180.00							
30	KSRB 7.11:Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame of size 61.85x31.75mm bottom section 1.2mm thick,weight 0.695kg/m; sides and top sections 1.3 mm, thick, weight 0.659kg/m.shutter frame section comprising top and bottom section of size40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutterinterlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with	Sqm							

	approved qualityof fixtures such as aluminium handles tower bolts etc.; providing andfixing 5.5mm. thick plain glass for shutters fitted with rubber beading allaluminium sections including cutting to required length, joints mitredsubdividing the frame tenonned and rivetted, in the assembled frame,stiffened with end clips for corners, angles etc., and fixed to the walls,lintels, floor beams/cills as the case may be, with necessary steelscrews, raul plugs or teak wood gatties including cutting masonry orconcrete and making good the original surface using cement mortar.(using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder ofapproved quality.)P.NO33/S.NO7.10.2)								
	W		9	1.80		1.25	20.25		
	Basic Rate	3818.00					20.25	4047.08	81953.00
	Area Weightage @ 6%	229.08							
	Total	4047.08							
31	KSRB 7.1: Providing and fixingin position collapsable steel shutters withsingleordoubleleafwithverticalchannel20mm x10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms opeinings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P31/7.1)	Sqm							
	CG		1	2.40		2.10	5.04		
							5.04	4465.78	22507.53
	Basic Rate	4213.00							
	Area Weightage @ 6%	252.78							
	Total	4465.78							
32	KSRB 14.14.1:Providing Ceramic tiles of size 30x30cms of approved make, shade and size for walls treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Ceramic Tiles of size 30x30cms 6mm thick.(page 105/Item no. 14.36.2)	Sqm							
	Toilet flooring		2	3.15	1.30		8.19		
	(-)Basins		2	0.60	0.45		0.54		
							7.65	1191.44	9114.52
	Basic Rate	1124.00							
	Area Weightage @ 6%	67.44							
	Total	1191.44							

33	KSRB 14.17.1 : Providing skirting dado, rises of steps with coloured glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 Coloured glazed tiles 30x60cms 6mm thick with border of size 30x10cms.(Page no. 94/ Item No. 14.41.2	Sqm							
	Toilet Side walls		4	3.15		2.10	26.46		
			4	1.30		2.10	10.92		
							37.38		
	Deductions (-):-D2		2	0.75		2.10	3.15		
							34.23	1504.14	51486.71
	Basic Rate	1419.00							
	Area Weightage @ 6%	85.14							
	Total	1504.14							
34	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.113/15.22)	Sqm							
	Study Hall		1	9.40	7.85		73.79		
	Beam sides		4	7.85		0.45	14.13		
	Toilet room		2	3.15	1.30		8.19		
	Store room		1	3.15	2.40		7.56		
	Reception room		1	3.15	2.35		7.40		
	Staire case room		1	7.85	3.10		24.34		
	Landing		1	3.10	0.90		2.79		
	First Flight		1	3.60	1.10		3.96		
	Second Flight		1	2.05	1.10		2.26		
							144.41	193.98	28013.14
	Basic Rate	183.00							
	Area Weightage @ 6%	10.98							
	Total	193.98							
35	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.113/15.16)**(Inside Plastering)**	Sqm							
	Study Hall		2	7.85		3.00	47.10		
			2	9.40		3.00	56.40		
	Toilet room		4	3.15		3.00	37.80		
			4	1.30		3.00	15.60		
	Store room		2	3.15		3.00	18.90		
			2	2.40		3.00	14.40		
	Reception room		2	3.10		3.00	18.60		
			2	2.35		3.00	14.10		
	staire case room		2	7.85		3.00	47.10		
			2	3.10		3.00	18.60		
	Staire case:-Landing		1	3.10	0.90		2.79		
	First Flight&Second flight- Threads		19	1.10	0.25		5.23		

	Entrance Steps:-Threds		1	3.00	0.30		0.90		
	Risers		1	3.00		0.20	0.60		
	Head room L/walls		2	4.40		2.40	21.12		
	S/walls		2	3.40		2.40	16.32		
	Parapet walls:-Sides		2	4.00		0.20	1.60		
	Top view		1	4.00		0.20	0.80		
	Sides		4	3.40		0.20	2.72		
	Top view		2	3.40		0.20	1.36		
	Surrounding flagging wall		2	26.30		0.40	21.04		
			2	10.80		0.40	8.64		
							356.98		
	Deductions (-):-								
	OD		1	1.50		2.10	3.15		
			1	1.05		2.10	2.21		
	w		9	1.80		1.25	20.25		
	V		1	3.10		0.60	1.86		
	v1		2	0.75		0.60	0.90		
	Head room parapet portion		1	4.40		0.90	3.96		
			1	3.50		0.90	3.15		
							35.48		
	Basic Rate	222.00					321.50	235.32	75655.38
	Area Weightage @ 6%	13.32							
	Total	235.32							
39	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P47/8.19)	Rmtr							
			6	3.30			19.80	601.02	11900.00
	Basic Rate	567.00							
	Area Weightage @ 6%	34.02							
	Total	601.02							
40	KSRB 8.6-8: Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications (P125/15.106)	Sqm							
			Qty vide item No 35				292.84	57.24	16762.00
	Basic Rate	54.00							
	Area Weightage @ 6%	3.24							
	Total	57.24							
41	KSRB 15-14.1: Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) (P116/15.51.2)	Sqm							
			Qty vide item No 36				437.25	90.10	39396.00

	Basic Rate	85.00							
	Area Weightage @ 6%	5.10							
		90.10							
42	KSRB 15-14.1: Providing and applying painting in two coats with plastic Emulsion paint of approved brand on ceiling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) (P116/15.51.3)	Sqm							
			Qty vide item No 34				292.84	94.34	27627.00
	Basic Rate	89.00							
	Area Weightage @ 6%	5.34							
		94.34							
43	Providing externalwalls with textureing approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading&unloading, all lead and lift and other incidental charges including scaffolding and removing stains, complete as per specification.(P-134/15.103)	Sqm							
			Qty Vide Item No. 38				321.50	297.86	95762.00
	Basic Rate	281.00							
	Area Weightage @ 6%	16.86							
	Total	297.86							
44	KSRB13-1.1 : Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold watersupply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing ofpipes and fittings with one step CPVC solvent cement & the cost ofcutting chases & making good the same including testing of jointscomplete. (Concealed work including cutting chases and good the wallsetc.). **20mm nominal OD pipes** (P-96 & 13.86.2).	M							
			1	30.00			30.00	222.60	6678.00
	Basic Rate	210.00							
	Area Weightage @ 6%	12.60							
	Total	222.60							

45	KSRB13-1.1 : Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold watersupply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing ofpipes and fittings with one step CPVC solvent cement & the cost ofcutting chases & making good the same including testing of jointscomplete. (Concealed work including cutting chases and good the wallsetc.). **25mm nominal OD pipes**(P-96 & 13.86.3).	M							
			1	35.00			35.00	265.00	9275.00
	Basic Rate	250.00							
	Area Weightage @ 6%	15.00							
	Total	265.00							
46	KSRB13-1.1 : Providing and fixing Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) size 12.5cms x7.5cms (P-88 & 12.113.2.	Each							
			2				2.00	302.10	604.20
	Basic Rate	285.00							
	Area Weightage @ 6%	17.10							
	Total	302.10							
47	KSRB13-1.1 :Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.(P-88 & 12.111).	Each							
			2				2.00	169.60	339.20
	Basic Rate	160.00							
	Area Weightage @ 6%	9.60							
	Total	169.60							
48	KSRB13-1.1 :Providing and fixing in position brass gate valve withC.I wheel of approved quality (screwed end) 25mm nominal boreincluding cost of all materials, labour and HOM of equipments with allleads complete as per specifications..(P-91 & 13.34).	Each							
			2				2.00	625.40	1250.80
	Basic Rate	590.00							
	Area Weightage @ 6%	35.40							
	Total	625.40							
49	KSRB13-1.1 :Providing and fixing to wall, ceiling and floor, low densitypolyethylene pipes 6.00 kgf/sq.cm working pressure **140mm outsidediameter** with special flange, compression type fittings, wall clips, makinggood the wall, ceiling and floor, including cost of all materials, labourcharges, HOM of equipments and testing complete as per specifications..(P-93 & 13.70.6).	Mtr							
			10	3.00			30.00	561.80	16854.00
	Basic Rate	530.00							
	Area Weightage @ 6%	31.80							

	Total	561.80							
50	KSRB13-1.1 Constructing brick masonry inspection chamber 455x610 mm, and 450 mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5 in C.I.cover with frame (light duty 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R CC Top slab with cement concrete1:2:4 mix 20 mm and downsize granite metal, foundation concrete 1:5:10 with 40 mm and down size granite metal inside plastering 12 mm rhick with cement mortar 1:3 finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.(P-73 & 11.50).	Each							
			2				2.00	6831.70	13663.40
	Basic Rate	6445.00							
	Area Weightage @ 6%	386.70							
	Total	6831.70							
51	KSRB 11-11.8 :Providing ,supplying & commissionig of 1 H.P submersible single phase of Make ATLANTA/SUGUNA/CRI/KIRLOSKAR/OTER EQUIVALENT PUMPS. (Page : 81 Item No. 12.30)	Unit							
			1				1.00	12600.00	12600.00
52	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 81 Item No. 12.30)	Unit							
			2				2.00	6831.70	13663.40
	Basic Rate	6445.00							
	Area Weightage @ 6%	386.70							
	Total	6831.70							
53	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2.2/13.3 (Page No.91 & Item No. 13.25).	Each							
			2				2.00	284.08	568.16
	Basic Rate	268.00							
	Area Weightage @ 6%	16.08							
	Total	284.08							

54	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 77 Item No. 12.2)	Pan								
			2				2.00	4572.84	9145.68
	Basic Rate	4314.00							
	Area Weightage @ 6%	258.84							
	Total	4572.84							
55	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or blue and inner white layer of approved quality and make, confirming to ISI/ISO?SSI Specification (Page no258 Item no 37.58)	Ltr							
			750				750.00	6.36	4770.00
	Basic Rate	6.00							
	Area Weightage @ 6%	0.36							
	Total	6.36							
56	KSRB 11-15.3: Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing incluidng cost of materials, labour complete as per specifications.(Page : 82 Item No. 12.41)	Unit							
			2				2.00	1230.66	2461.32
	Basic Rate	1161.00							
	Area Weightage @ 6%	69.66							
	Total	1230.66							
57	Applying Primer coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface afetr throughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting ready mix paint including cost of materials, labour complete as per Specifications (P No. 118 Item No.15.58 PWD SR 2015-16)	Sqm							
	D	2.25	1	1.50		2.10	7.09		
	D1	2.25	2	0.90		2.10	8.51		
	D2	2.25	2	0.75		2.10	7.09		
	V	2.25	1	3.10		0.60	4.19		
	V1	2.25	2	0.75		0.60	2.03		
	Basic Rate	29.00					28.89	30.74	888.08
	Area Weightage @ 6%	1.74							
	Total	30.74							

58	Providing and Applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, clening the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P No. 118Item No.15.60.1 PWD SR 2015-16)	Sqm							
			Vide Item No. 57				28.89	85.86	2480.50
	Basic Rate	81.00							
	Area Weightage @ 6%	4.86							
	Total	85.86							
59	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates	Sqm							
	Roof Area		1	13.00	8.20		106.60		
			1	4.00	3.30		13.20		
			1	1.60	1.10		1.76		
	Sump Area		1	2.80	2.80		7.84		
	Soak pit Area		1	2.40	2.40		5.76		
							135.16	65.00	8785.40
60	Providing and applying enamel metal paint two coats(excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as perspecifications.(P No. 120Item No.15.74.1 PWD SR 2015-16)	Sqm							
	Windows		9	1.80		1.25	20.25	83.74	1695.74
	Basic Rate	79.00							
	Area Weightage @ 6%	4.74							
	Total	83.74							
61	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical-SR 2015-16)	No.							
	b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch		7				7.00	175.00	1225.00
	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch		5				5.00	368.00	1840.00
62	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical -SR 2015-16)	No							
			10				10.00	91.00	910.00

63	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical -SR 2015-16)	Each							
	b) 12"x12"x3"		4				4.00	98.00	392.00
	c) 10"x7"x3"		5				5.00	68.00	340.00
64	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws.., (P.10/I.22) Electrical SR - -SR 2015-16)	Sq. cmt	1	2600.00			3000.00	0.22	660.00
65	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical-SR 2015-16)	Rmtr							
			1	110.00			110.00	14.00	1540.00
66	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/I.2) Electrical -SR 2015-16)	Each							
			1				1.00	3000.00	3000.00
67	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using ncessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical -SR 2015-16)	Each							
			6				6.00	54.00	324.00
68	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical -SR 2015-16)	Rmtr							
			1	110.00			110.00	32.00	3520.00

69	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical -SR 2015-16)	No.							
			6				6.00	60.00	360.00
70	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired.for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorecent tube A Group (P.16/I.2a) Electrical -SR 2015-16)	No							
			9				9.00	400.00	3600.00
71	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical -SR 2015-16)	Rmtr							
			4	100.00			400.00	15.00	6000.00
72	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic) Electrical -SR 2015-16)	Rmtr							
			4	6.00			24.00	221.00	5304.00
73	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical -SR 2015-16)	No.							
			6				6.00	370.00	2220.00
74	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/I.23IIa) Electrical -SR 2015-16)	Nos							
			6				6.00	1900.00	11400.00
75	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/I.8) Electrical -SR 2015-16)	Nos							
			6				6.00	105.00	630.00

	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/I.12b) Electrical-SR 2015-16)	Nos							
			6				6	685.00	4110.00
77	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical -SR 2015-16)	Rmtr							
			1	20.00			20.00	50.00	1000.00
								Total RS	4585704.81
78	9% OF KRIDL CHARGES								412713.43
79	Miscelanious and Unforgen Charges	L/S							1581.76
								Grand total RS	**5000000.00**
(Rupees Fifty Lakhs Only)									

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2015-16 and Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Bruhat Bangalore Mahanagara Palike 20/9/16

ADMINISTRATIVELY SANCTIONED FOR Rs 50.00 lakh
Rupees Fifty lakhs only.
Under P-3110
14th Finance Commission Grant.
Registered as EE ( ) No 3 9
Subject to conditions contained in
enclosed memo EE (C) No 08 / Page 06
Dt Estimate A/Sanctioned
No
dated 22/9/16 Rs 50.00 lakh.

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction
Accorded For 50.00 lakhRs.
Head of A/C P3110
CER NO : 52 Dt: 22/9/16

TA CE (YNK)